

Synthase

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In biochemistry, a **synthase** is an enzyme which catalyzes a synthesis process. Following the EC number classification, they belong to the group of Lyases, catalysing the reverse reaction. In contrast to synthetases, they do not use ATP.

Examples

- ATP synthase EC 3.6.3.14.
- Citrate synthase EC 2.3.3.1
- Tryptophan synthase EC 4.2.1.20
- Pseudouridine synthase
- Fatty acid synthase

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